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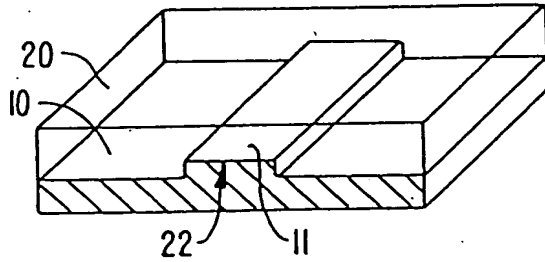


FIG. 1.

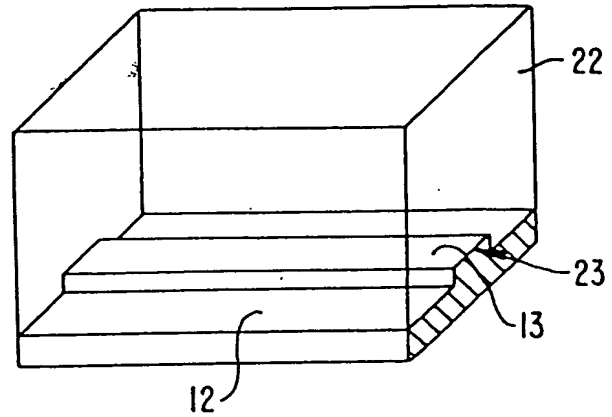


FIG. 2.

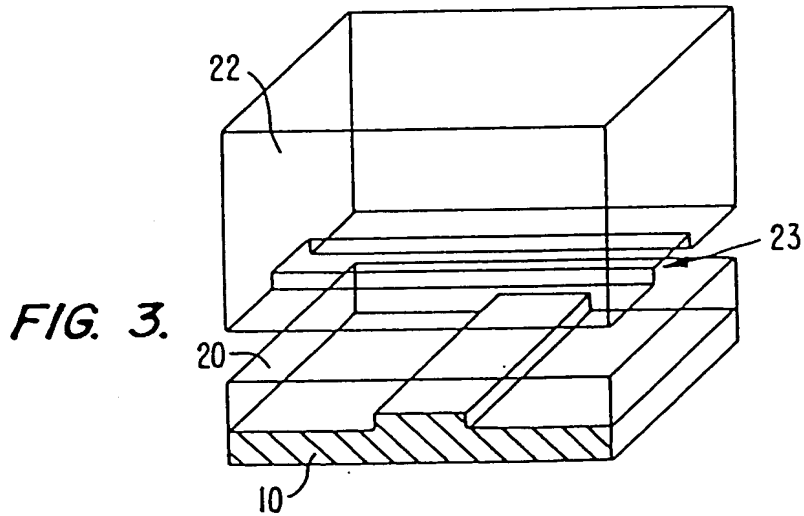


FIG. 3.

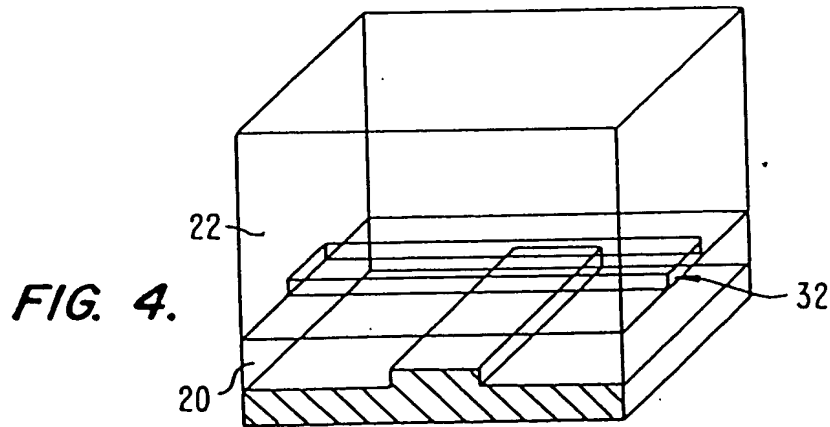
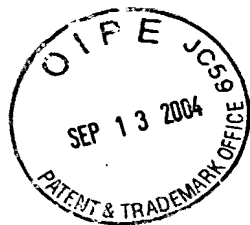


FIG. 4.



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FIG. 5.

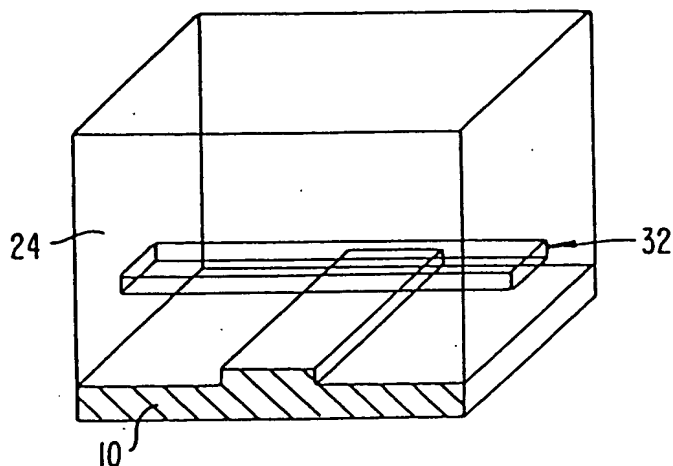


FIG. 6.

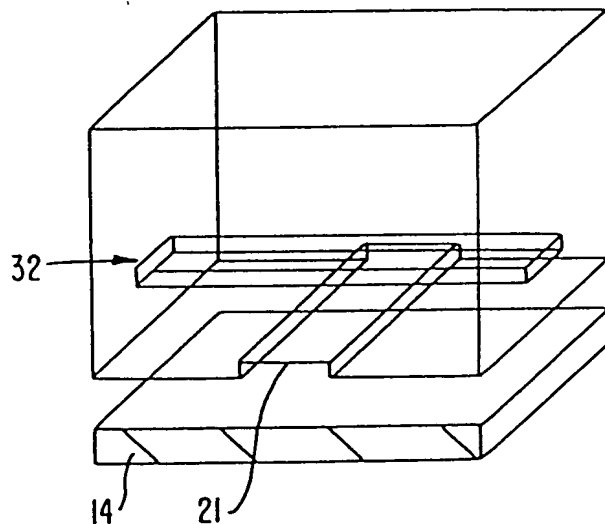
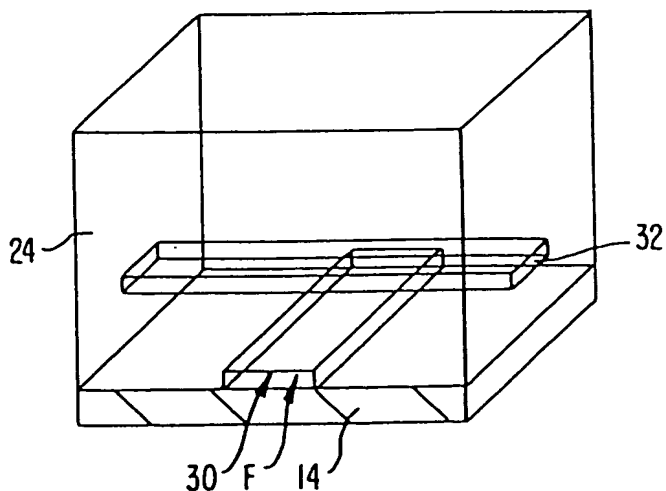


FIG. 7A.





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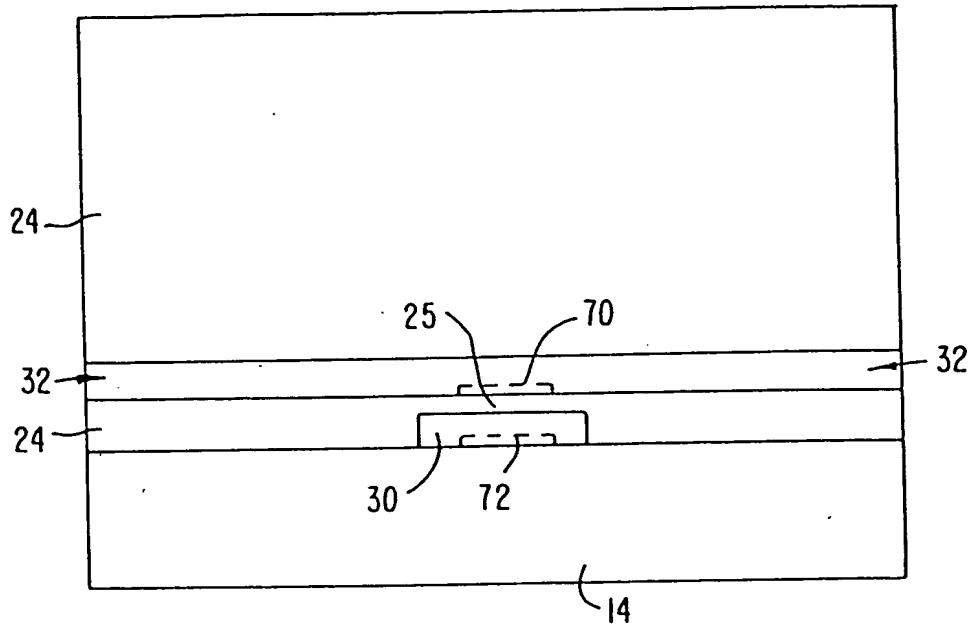


FIG. 7B.

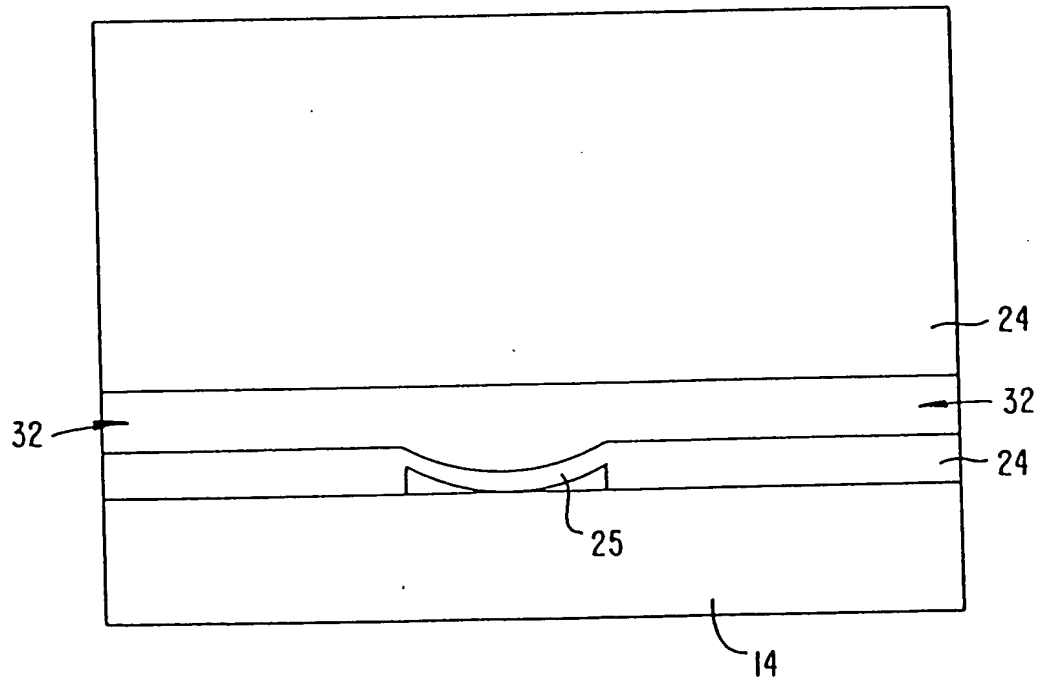


FIG. 7C.



FIG. 8.

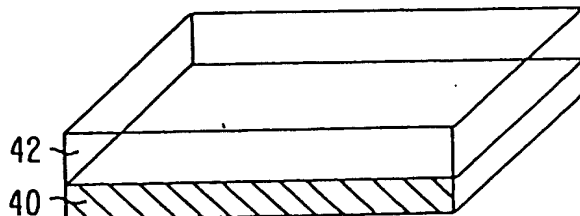


FIG. 9.

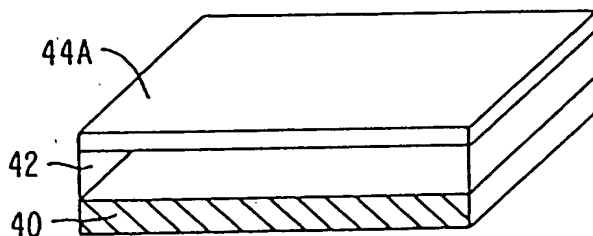


FIG. 10.

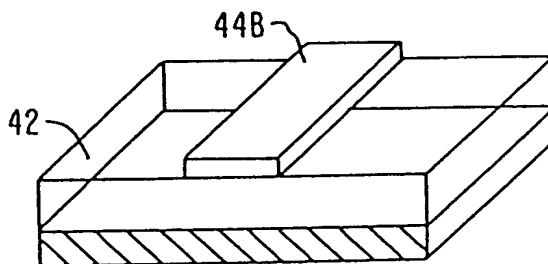
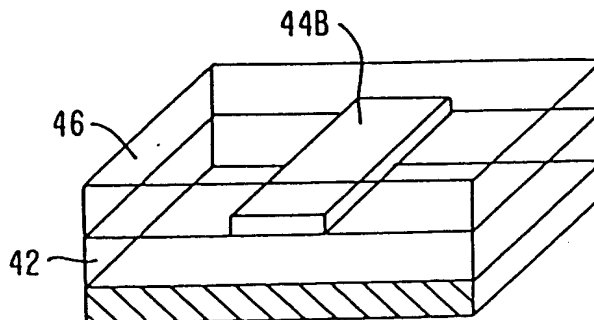


FIG. 11.





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FIG. 12.

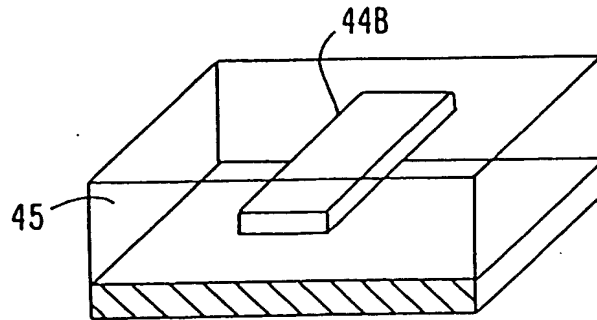


FIG. 13.

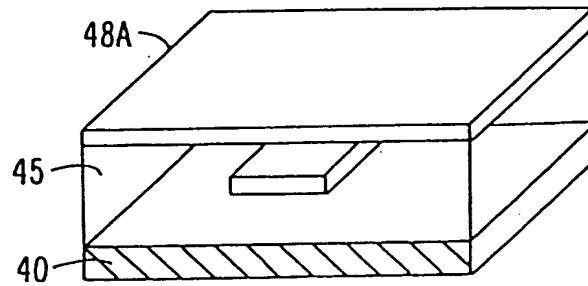


FIG. 14.

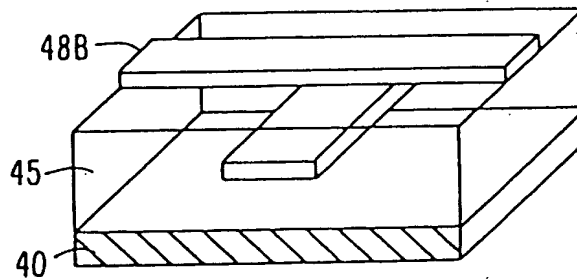


FIG. 15.

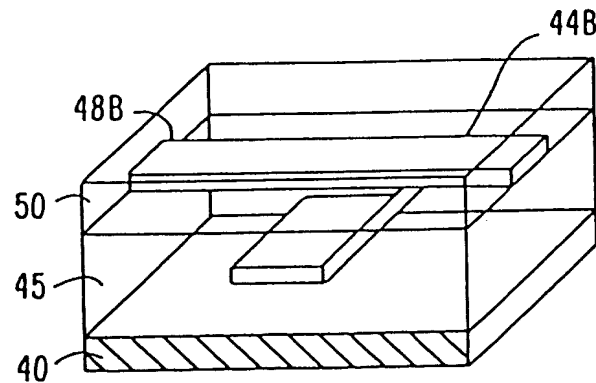




FIG. 16.

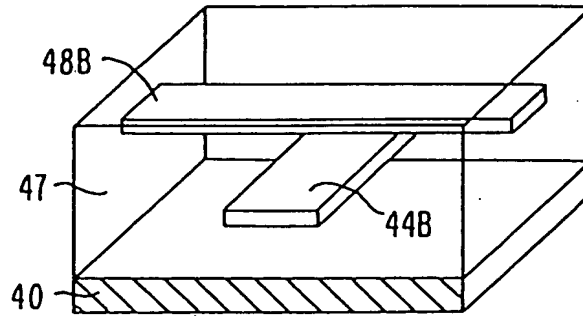


FIG. 17.

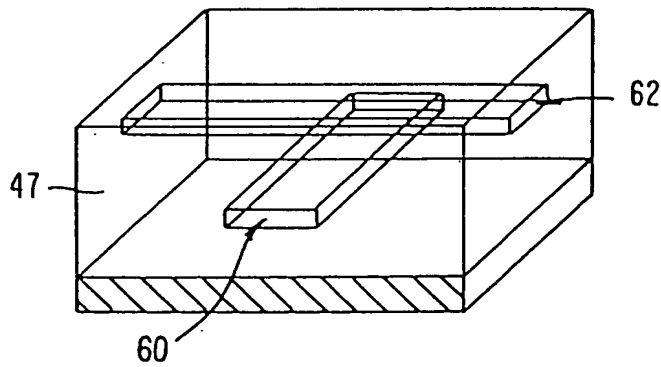
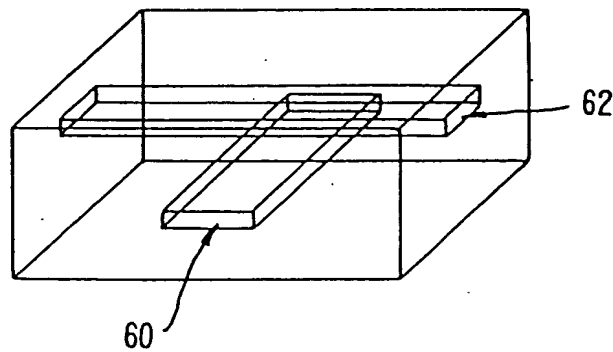


FIG. 18.





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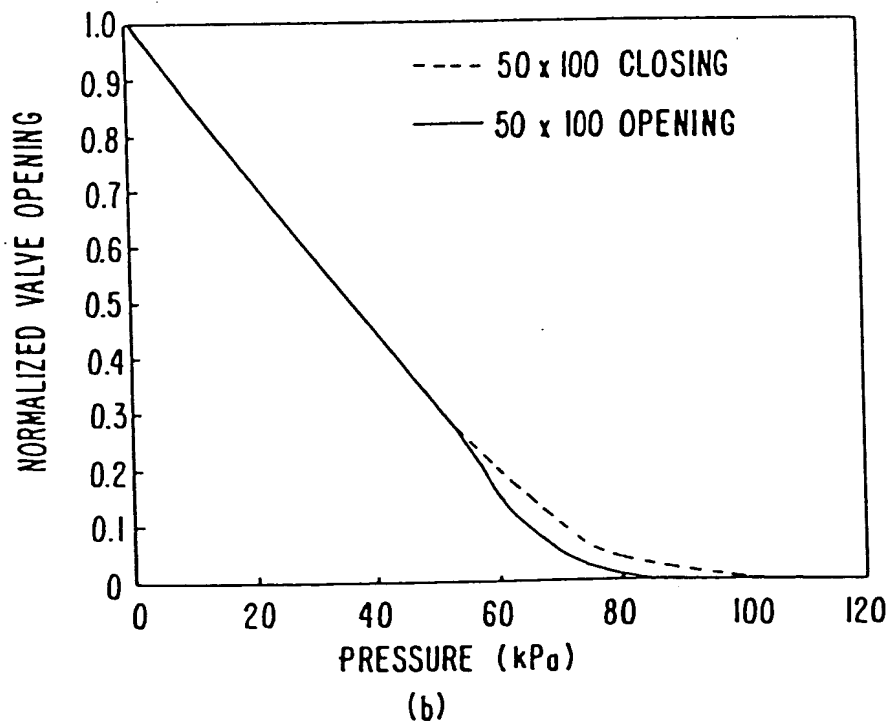
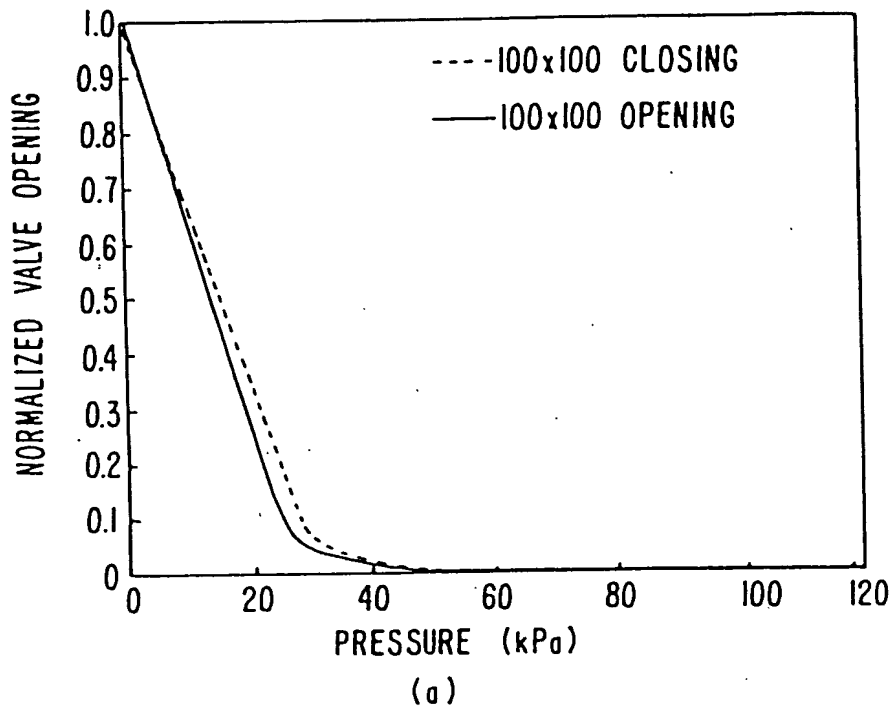


FIG. 19.



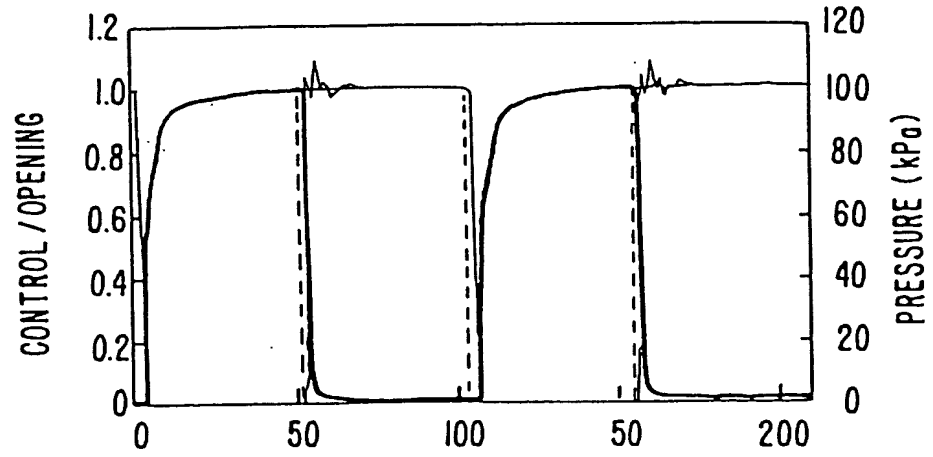
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10 Hz

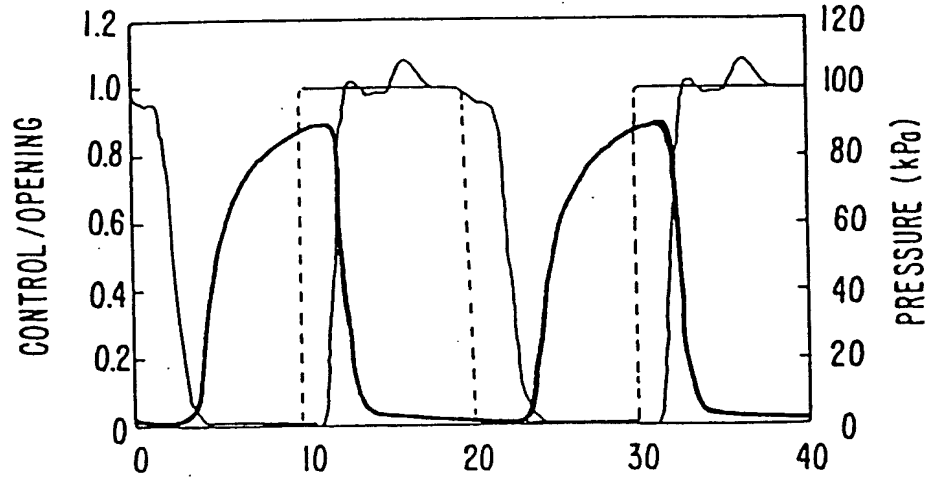
--- CONTROL

— VALVE OPENING

— PRESSURE



50 Hz



100 Hz

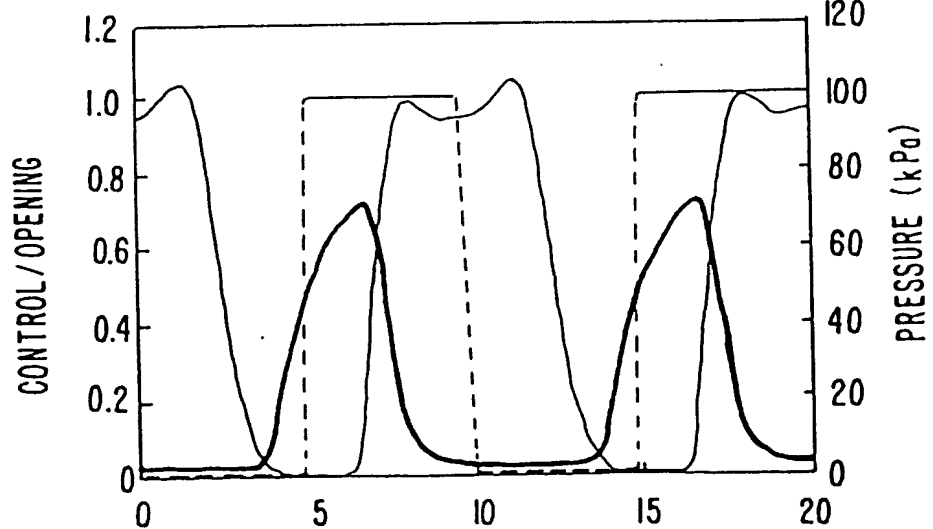


FIG. 20.



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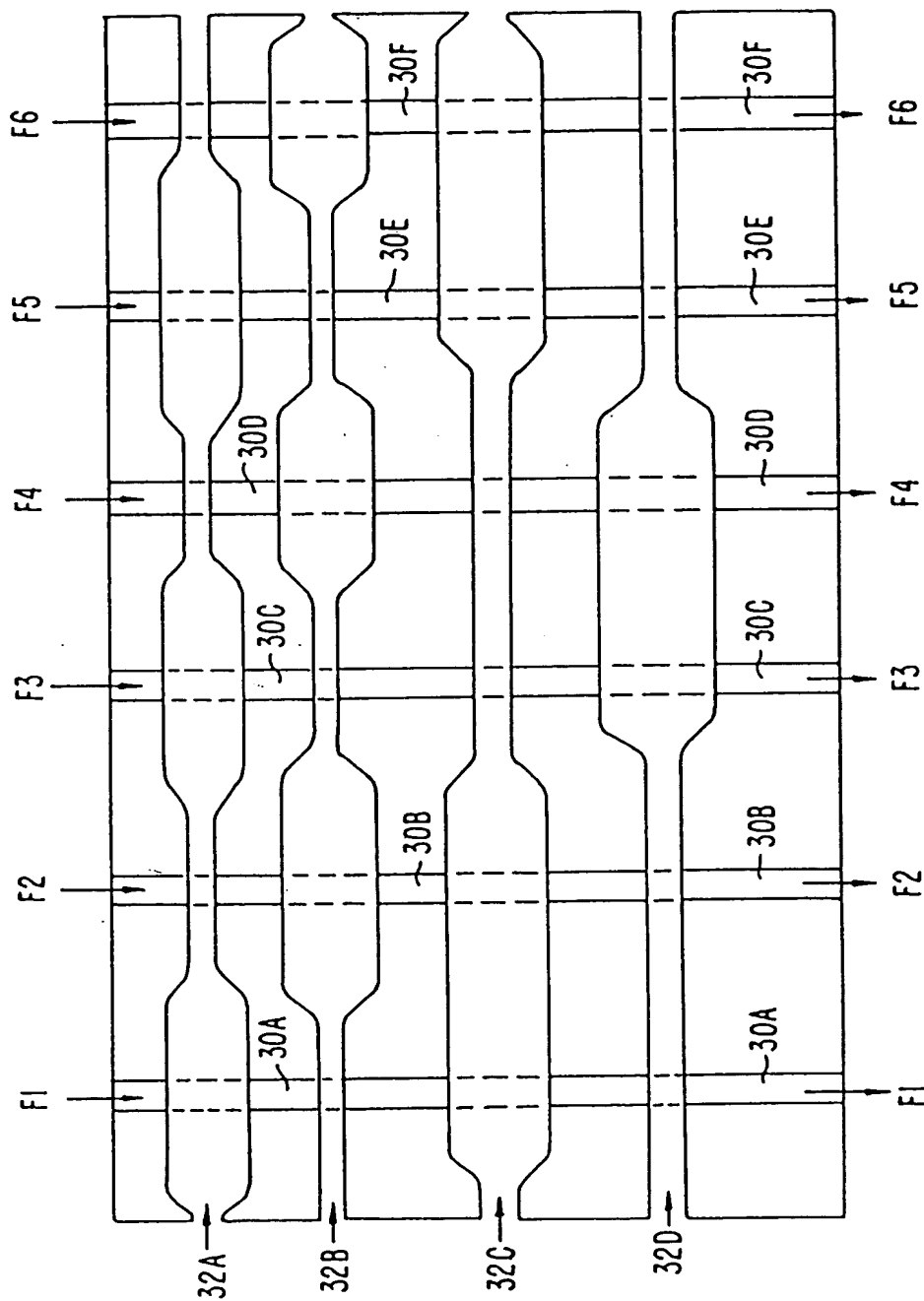


FIG. 21.



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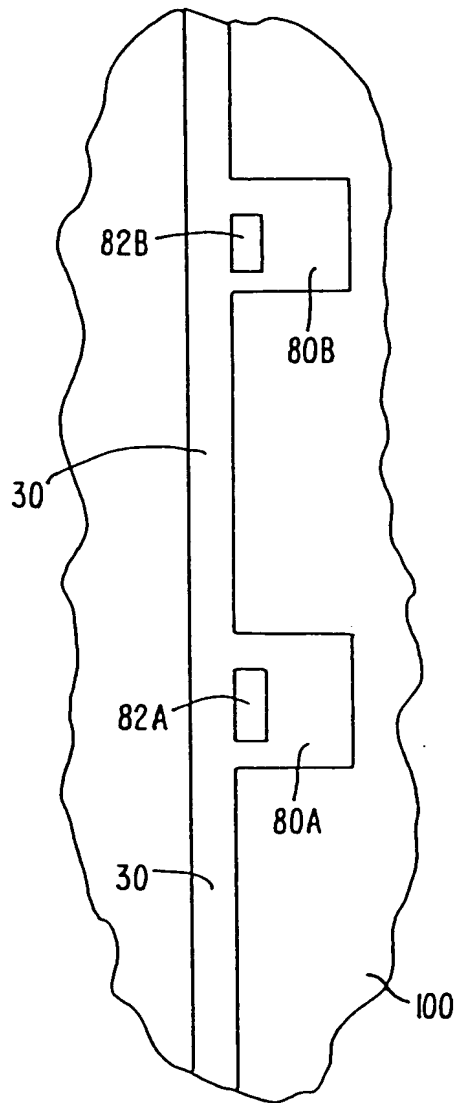


FIG. 22A.

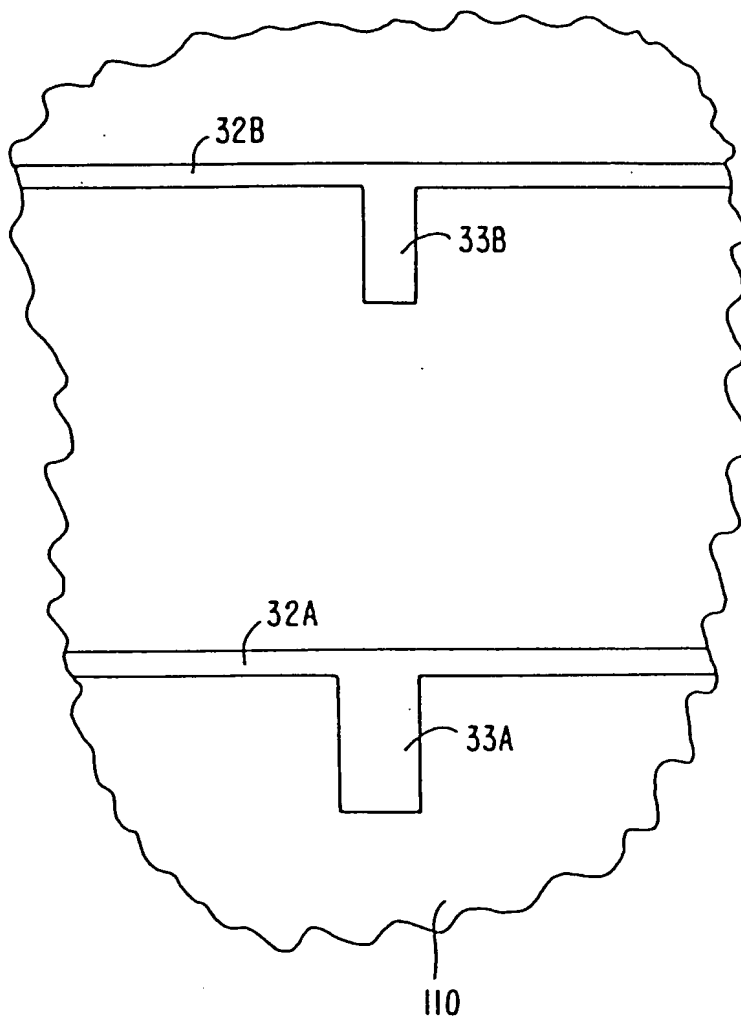


FIG. 22B.



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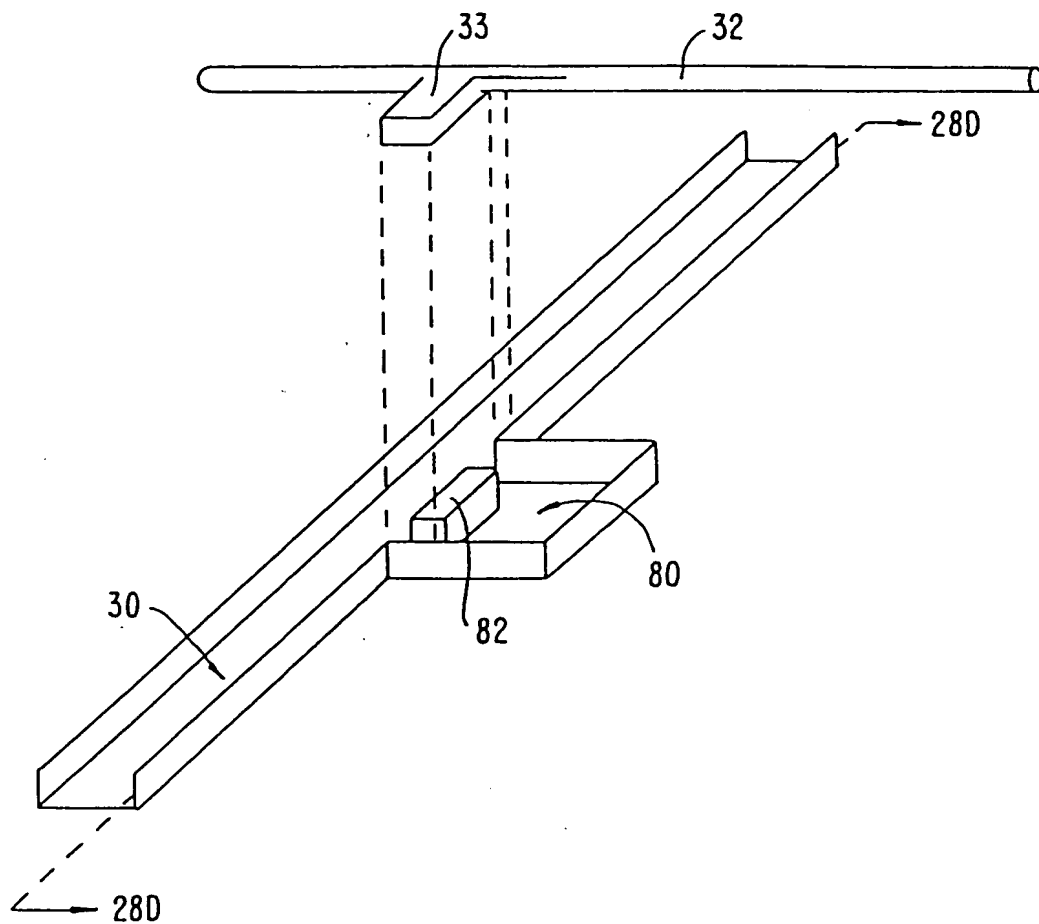
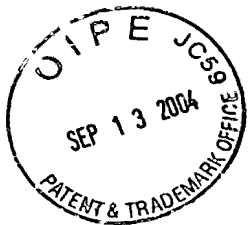


FIG. 22C.



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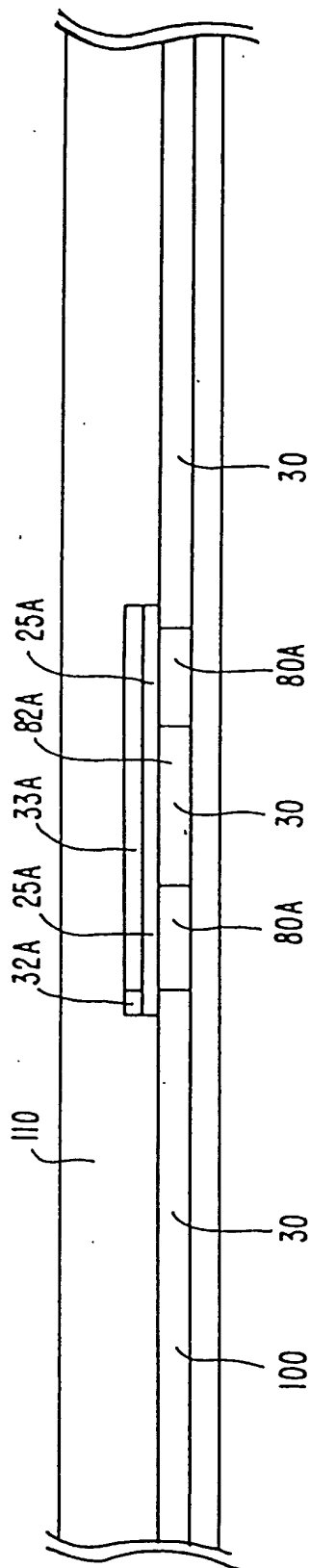


FIG. 22D.

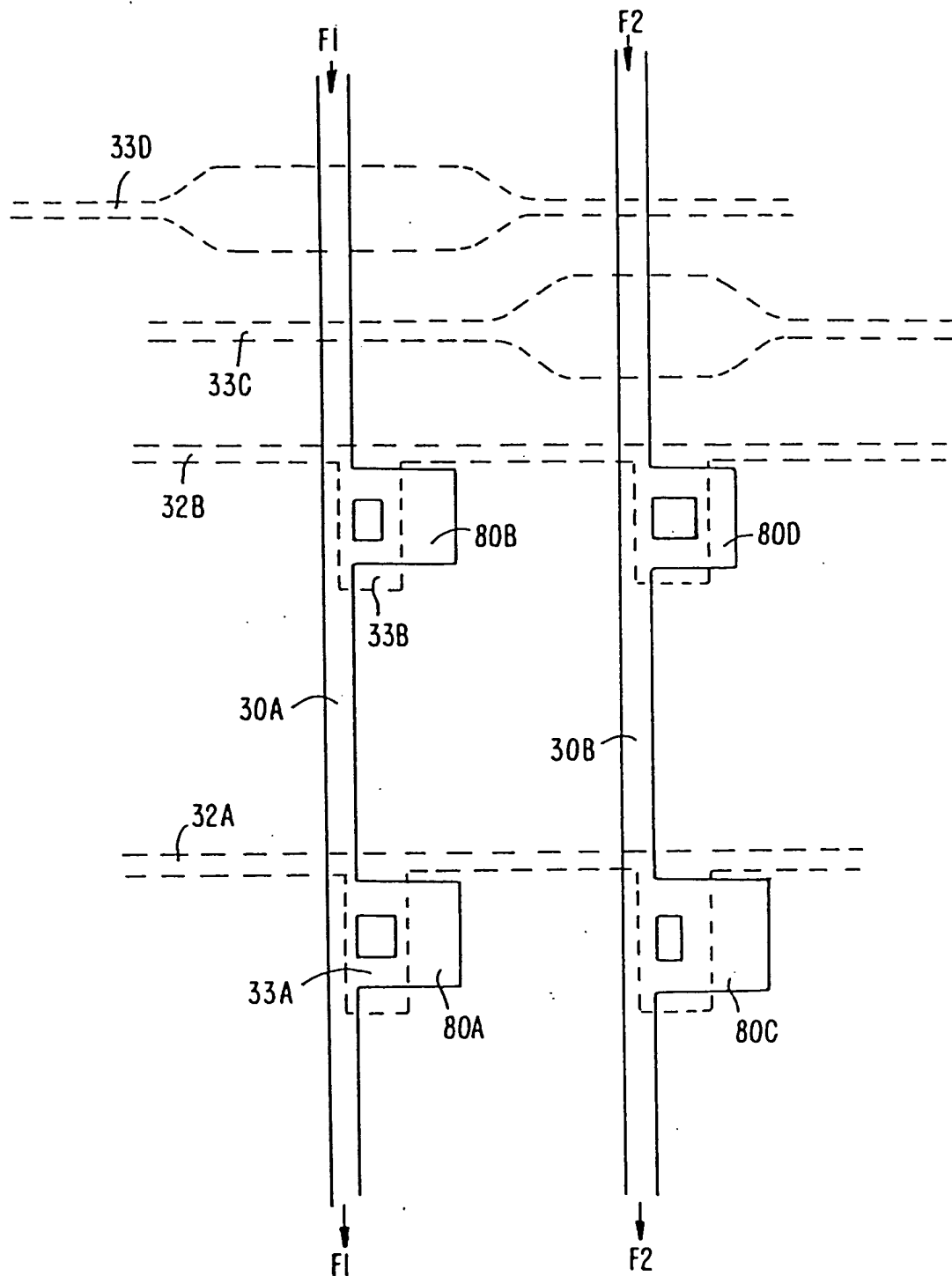


FIG. 23.



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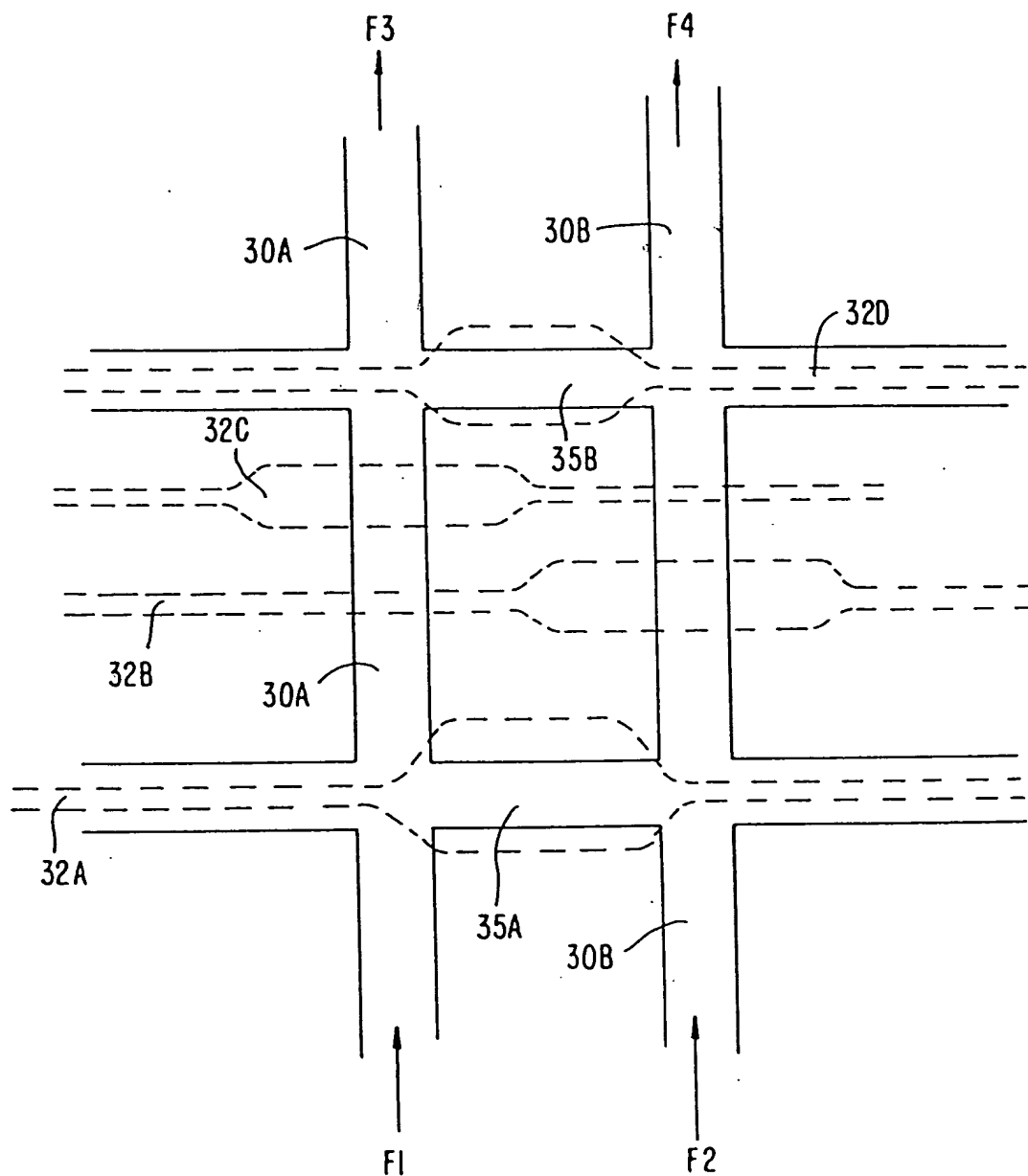
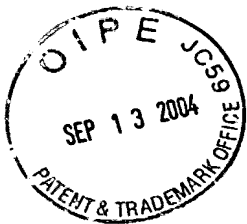


FIG. 24.



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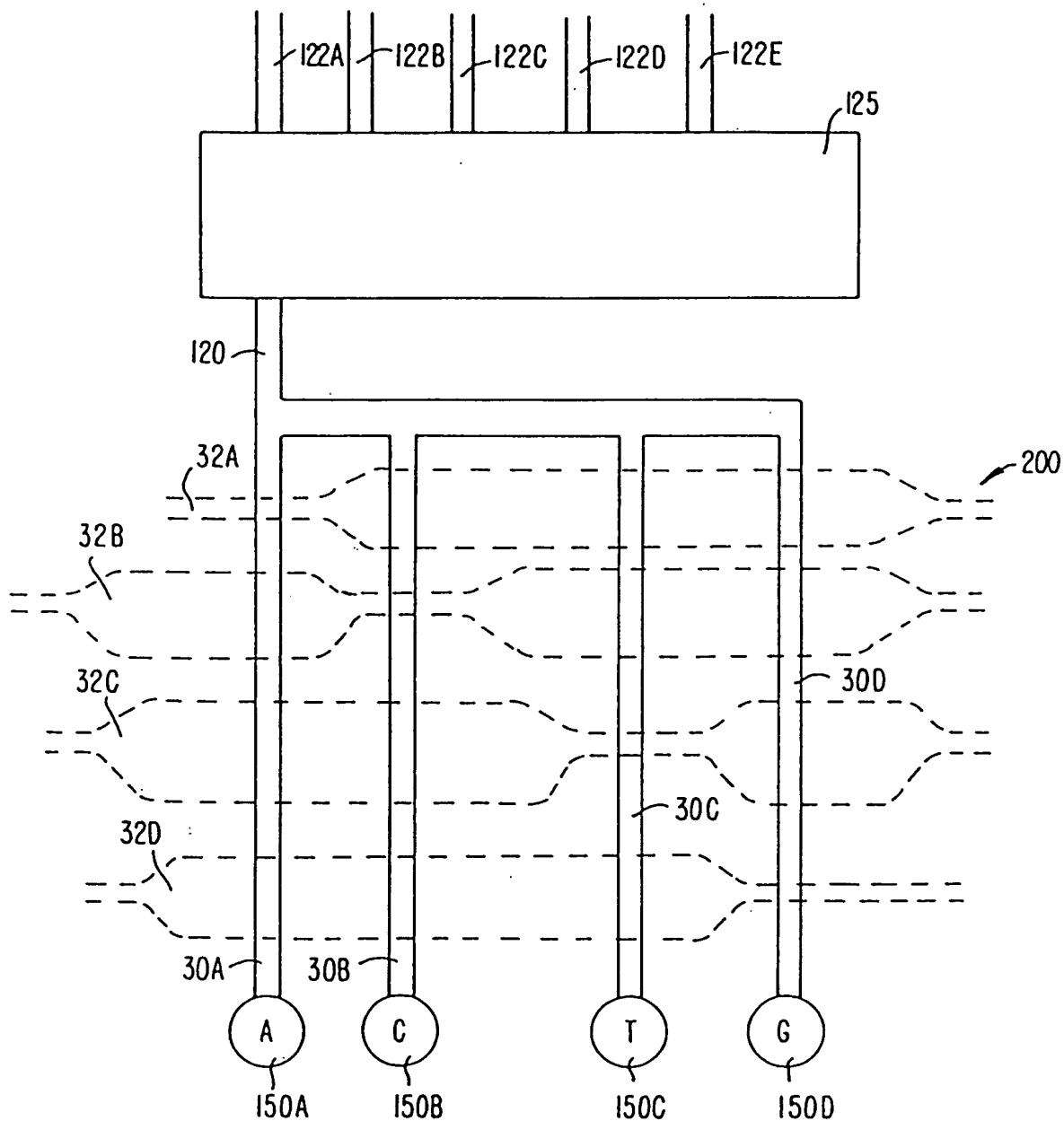


FIG. 25.



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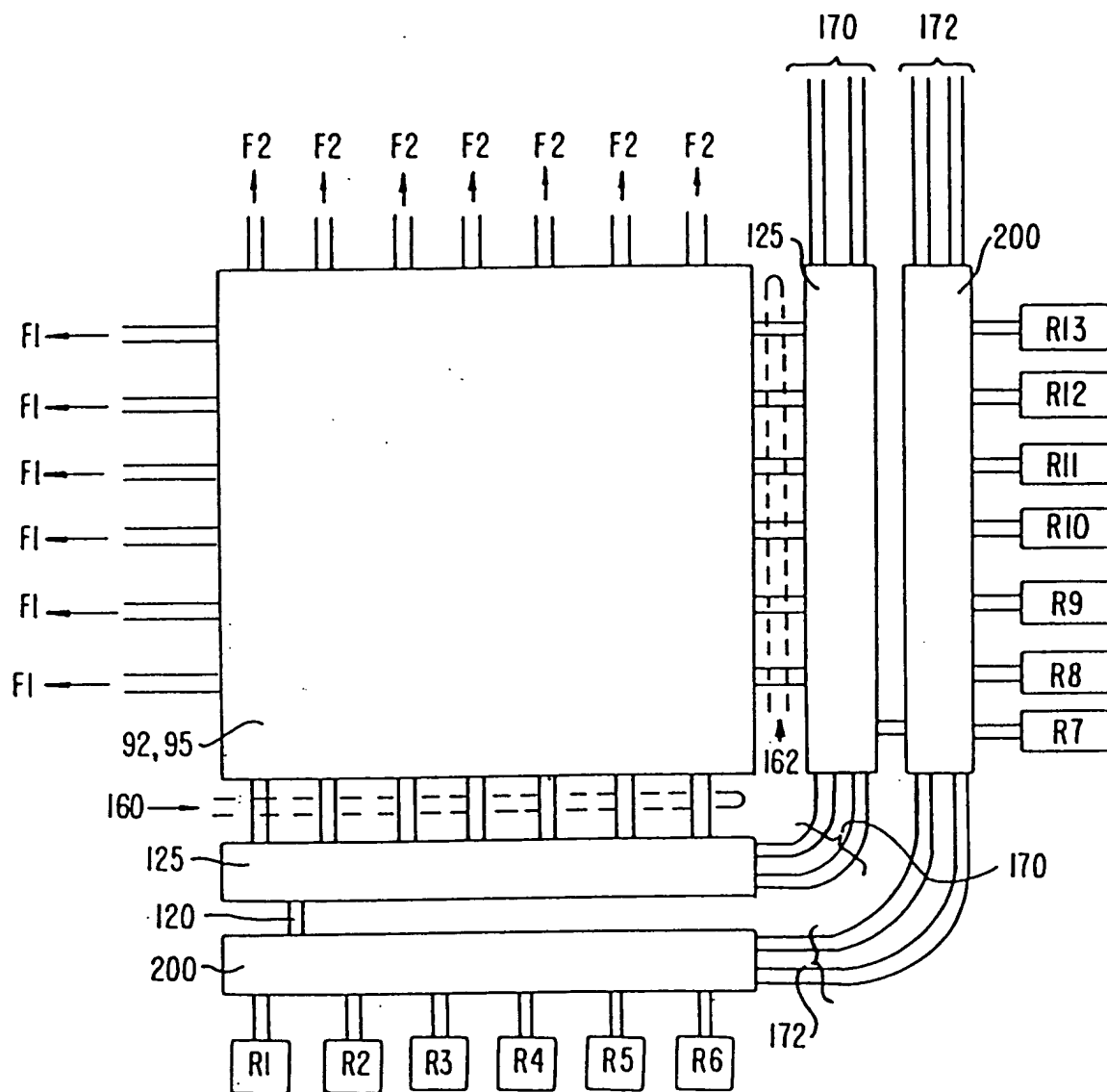


FIG. 26.

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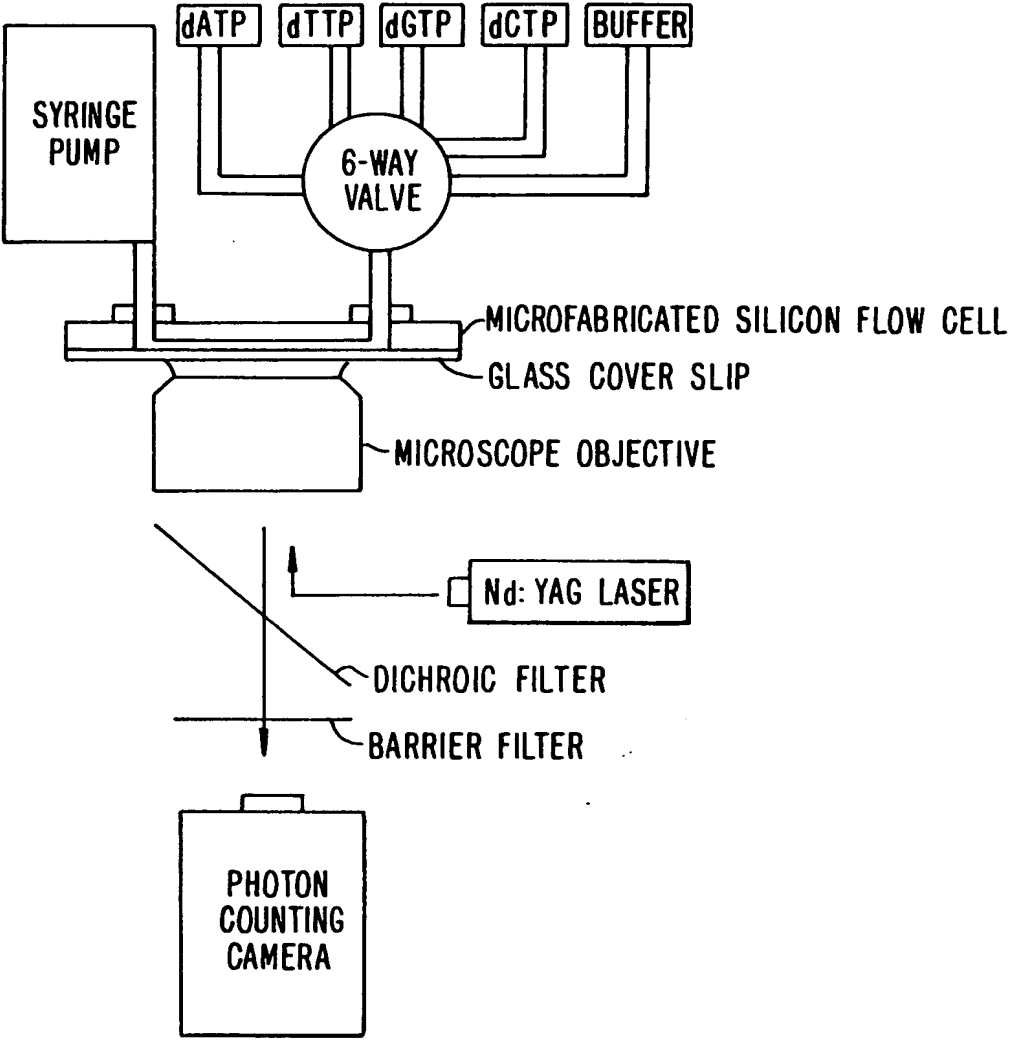


FIG. 27.